

Access DB# 42305**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name \_\_\_\_\_ Examiner # \_\_\_\_\_ Date \_\_\_\_\_  
Art Unit \_\_\_\_\_ Phone Number 30 \_\_\_\_\_ Serial Number \_\_\_\_\_  
Mail Box and Bldg Room Location \_\_\_\_\_ Results Format Preferred (circle) PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*

Please provide a detailed statement of the search topic and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

**STAFF USE ONLY**

Searcher \_\_\_\_\_

Searcher Phone # \_\_\_\_\_

Searcher Location \_\_\_\_\_

**Type of Search**NA Sequence # 1AA Sequence # 1

Structure # \_\_\_\_\_

**Vendors and cost where applicable**

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Questel/Orbit \_\_\_\_\_

The first part of the paper discusses the importance of understanding the cultural context of the research. It highlights the need for researchers to be sensitive to the values and beliefs of the communities they are studying. This is particularly important in the field of education, where cultural differences can significantly impact learning outcomes.

The second part of the paper focuses on the methodology used in the study. It describes the process of selecting participants, collecting data, and analyzing the results. The authors emphasize the importance of using a mixed-methods approach to capture both quantitative and qualitative data.

The third part of the paper presents the findings of the study. It discusses the results of the quantitative analysis, which showed a positive correlation between cultural awareness and academic achievement. The authors also present the results of the qualitative analysis, which revealed that students from diverse backgrounds often face unique challenges in the classroom.

The final part of the paper discusses the implications of the findings for future research and practice. The authors suggest that educators should strive to create a more inclusive and culturally responsive learning environment. They also recommend that future research continue to explore the relationship between culture and education.

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1 GENERAL INFORMATION
2 APPLICANT: Edward Hirsch
3 ATTORNEY: Landrat, Bryan E.
4 TITLE OF INVENTION: Method of Use
5 NUMBER OF SEQUENCES: 15
6 REPRESENTATIVE ADDRESS:
7 ADDRESS: Fish & Richardson
8 STREET: 225 Franklin Street
9 CITY: Boston
10 STATE: Massachusetts
11 COUNTRY: U.S.A.
12 ZIP: 02110-2804
13 COMPUTER READABLE FORM:
14 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
15 SOFTWARE: IBM PC/XT Model 586
16 OPERATING SYSTEM: MS-DOS (Version 5.0)
17 SOFTWARE: WordPerfect (Version 5.1)
18 CURRENT APPLICATION DATA:
19 APPLICATION NUMBER: 06/00154-915
20 FILING DATE: No. 040601 (June 1, 1994)
21 CLASSIFICATION: A61
22 PRIORITY APPLICATION DATA:
23 APPLICATION NUMBER:
24 FILING DATE:
25 PRIORITY NUMBER:
26 NAME: Landrat, Bryan E.
27 REPRESENTATION NUMBER: 00, 162
28 TELEPHONE: 617-552-9001
29 TELECOMMUNICATION INFORMATION:
30 TELEPHONE: (617) 542-5070
31 TELEFAX: (617) 542-8906
32 FAX: 200154
33 INFORMATION FOR SEQ ID NO: 23
34 SEQUENCE CHARACTERISTICS:
35 LENGTH: 131
36 TYPE: amino acid
37 STRANDNESS:
38 TOPOLOGY: linear
39 US 08 154 916 2
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$$\begin{array}{l}
\text{1. } \text{The first part of the proof is to show that } \mathcal{H} \text{ is a Hilbert space.} \\
\text{2. } \text{The second part is to show that } \mathcal{H} \text{ is separable.} \\
\text{3. } \text{The third part is to show that } \mathcal{H} \text{ is reflexive.} \\
\text{4. } \text{The fourth part is to show that } \mathcal{H} \text{ is a dual space.} \\
\text{5. } \text{The fifth part is to show that } \mathcal{H} \text{ is a Banach space.} \\
\text{6. } \text{The sixth part is to show that } \mathcal{H} \text{ is a normed space.} \\
\text{7. } \text{The seventh part is to show that } \mathcal{H} \text{ is a vector space.} \\
\text{8. } \text{The eighth part is to show that } \mathcal{H} \text{ is a linear space.} \\
\text{9. } \text{The ninth part is to show that } \mathcal{H} \text{ is a subspace.} \\
\text{10. } \text{The tenth part is to show that } \mathcal{H} \text{ is a subset.}
\end{array}$$

The diagram illustrates the experimental design. It starts with a box labeled 'Stimulus' (containing a word and a picture). An arrow points to a box labeled 'Response' (containing a word and a picture). Another arrow points to a box labeled 'Report' (containing a word and a picture). A final arrow points to a box labeled 'Comparison' (containing a word and a picture). The 'Response' and 'Report' boxes are connected by a double-headed arrow, indicating a comparison between the two.

The first part of the paper discusses the importance of the study of the history of the United States. It is argued that the study of history is essential for a full understanding of the present and for the development of a sense of national identity. The author then discusses the role of the federal government in the development of the United States, and the importance of the Constitution. The paper concludes by discussing the future of the United States, and the role of the citizen in the development of the nation.







F1	Misc difference 1	/no/te	"Prostate Epitope"
F1	1	21..124	
F1	1	/-label	Mature prostatic
F1	Mutated site	32	
F1	Mutated site	/no/te	"N-glycosylated"
F1	Misc difference	40	
F1	Misc difference	/no/te	"N-glycosylated"
F1	Mutated site	74	
F1	Mutated site	/no/te	"N-glycosylated"
F1	Mutated site	83	
F1	Mutated site	/no/te	"N-glycosylated"
F1	Mutated site	93	
F1	Mutated site	/no/te	"N-glycosylated"
F1	Region	100..124	
F1	Region	/-label	GP1 antibody sequence
F1			
FN	W0200632752.A1		
XX			
XX	on 11N 2006		
F1	02-1087-19997	9980-0528084	
XX			
F1	72 FEB 1998	9805-0204949	
F1	17 FEB 1999	9908-0251845	
F1	15 MAY 1999	9908-0318503	
XX			
FA	(P806 ) UNIV MARYLAND		
XX			
F1	Reuter R. White et		
XX			
F1	W11: 2700 41,905/15		
F1	N (P86) AAAA374		
XX			
F1	Prostate stem cell antigens, the nucleic acids encoding them and		
F1	antibodies against them, useful for diagnosing and treating prostate		
F1	cancer, bladder carcinomas and/or benign neoplasms of prostate cancer		
XX			
XX	claim 18: FIG 1: 17pp: English		
XX			
XX	The present sequence is the human Prostate Stem Cell Antigen (PSCA).		
XX	PSCA is a glycosylphosphatidylinositol (GPI)-anchored cell surface		
XX	antigen, which is expressed across a variety of normal cells, including		
XX	cells, endothelial, renal collecting ducts, colonic mucosal lining cells,		
XX	placental, bladder and uterine transitional epithelial cells. However,		
XX	PSCA is widely over-expressed across all stages of prostate cancer,		
XX	including high grade prostatic intraepithelial neoplasia (PIN),		
XX	androgen-dependent and androgen independent prostate tumours and bladder		
XX	carcinoma. The expression of PSCA appears to correlate with increasing		
XX	stage and so PSCA may be used as a prostate cancer marker, to		
XX	discriminate between malignant prostate cancers, normal prostate glands		
XX	and non-malignant neoplasms. It is hypothesised that PSCA may play a		
XX	role in stem/progenitor cell function such as self-renewal		
XX	(and apoptosis) and/or proliferation. The PSCA gene has been localised		
XX	to chromosome 8q24.2. Fragments of the present sequence (AAV9712,		
XX	AAV9713 and AAV9714) may be used as antigens to produce antibodies		
XX	against PSCA. The antibodies may then be used to detect and quantify the		
XX	presence of PSCA proteins in samples and hence diagnose and prognose		
XX	prostatic cancer. The antibodies may also be used in the treatment of		
XX	cancers associated with PSCA by inhibiting its expression.		
XX			
XX	Sequence 1-3 AAV		

[illegible]









have in store/prostate and prostate, such as self removal  
(and prostate) and/or prostate.

Note: The present sequence is the sequence displayed in Figure 2. This  
sequence differs from that displayed in Figure 3 (AAV9/11). The  
sequence of AAV9/11 has two residues at position 5 and 7. The present  
sequence has a one residue at position 5 and an 111 residue at position

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

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XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

Note: The present sequence is the sequence displayed in Figure 2. This  
sequence differs from that displayed in Figure 3 (AAV9/11). The  
sequence of AAV9/11 has two residues at position 5 and 7. The present  
sequence has a one residue at position 5 and an 111 residue at position

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

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XX Sequence: 124 AA

XX Sequence: 124 AA

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XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX Sequence: 124 AA

XX. Finally, prostatic acid treatment of determining the predisposition of a  
XX. subject to diseases and conditions of the prostate, such as prostate  
XX. cancer, the Abs and agonists or inhibitors are useful for treatment  
XX. of prostatic diseases, tumors and metastases.

XX. Sequence 41 AA:

Query Match 34.59% Score 2.47 Lp 207 Length 41:  
Best Local Similarity 100.00% Prod. No: 8.86 Id:  
Matches 41: Conservative 0: Mismatches 0: Indels 0: Gaps 0:

XX 52 RRAVRLIVLSKSLINVAISQVYVKKNIICQDQV 92  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XX 1 LTRQGLTTSKPSINRQDSSPHYVQKKNIICQDQV 41

Search completed: July 24, 2001, 02:49:47  
Job Time: 21.29 Sec



















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117: qb_08t49:*
118: qb_08t49:*
119: qb_08t50:*
120: qb_08t51:*
121: qb_08t52:*
122: qb_08t53:*
123: qb_08t54:*
124: qb_08t55:*
125: qb_08t56:*
126: qb_08t57:*
127: qb_08t58:*
128: qb_08t59:*
129: qb_08t60:*
130: qb_08t61:*
131: qb_08t62:*
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134: qb_08t65:*
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136: qb_08t67:*
137: qb_08t68:*
138: qb_08t69:*
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141: qb_08t72:*
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143: qb_08t74:*
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151: qb_08t82:*
152: qb_08t83:*
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156: qb_08t87:*
157: qb_08t88:*
158: qb_08t89:*
159: qb_08t90:*
160: qb_08t91:*
161: qb_08t92:*
162: qb_08t93:*
163: qb_08t94:*
164: qb_08t95:*
165: qb_08t96:*
166: qb_08t97:*
167: qb_08t98:*
168: qb_08t99:*
169: qb_08t100:*

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190: qb_08t101:*
191: qb_08t102:*
192: qb_08t103:*
193: qb_08t104:*
194: qb_08t105:*
195: qb_08t106:*
196: qb_08t107:*
197: qb_08t108:*
198: qb_08t109:*
199: qb_08t110:*
200: qb_08t111:*
201: qb_08t112:*
202: qb_08t113:*
203: qb_08t114:*
204: qb_08t115:*
205: qb_08t116:*
206: qb_08t117:*
207: qb_08t118:*
208: qb_08t119:*
209: qb_08t120:*
210: qb_08t121:*
211: qb_08t122:*
212: qb_08t123:*
213: qb_08t124:*
214: qb_08t125:*
215: qb_08t126:*
216: qb_08t127:*
217: qb_08t128:*
218: qb_08t129:*
219: qb_08t130:*
220: qb_08t131:*
221: qb_08t132:*
222: qb_08t133:*
223: qb_08t134:*
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225: qb_08t136:*
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250: qb_08t161:*
251: qb_08t162:*
252: qb_08t163:*
253: qb_08t164:*
254: qb_08t165:*
255: qb_08t166:*
256: qb_08t167:*
257: qb_08t168:*
258: qb_08t169:*
259: qb_08t170:*

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Prod. No. is the number of results produced by change to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.



















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QY	I	atgagacgttgttgccttttccttgatggtaaaccttgaacccctgaaacaggacatgc	61
Dd	7	AtGAGACGCTGTGCTTTCCTTGATGGTAACCTGAACCAAGGACTGTTGGC	66
QY	61	cctcatttgtactcctctcaagaaccataatgaatcagaatgccctcgaatgaagac	121
Dd	67	CCTCATTTGCTACTCTCTCAAGAACCATAATGAATCAGAAATGCCCTCGAATGAAGAC	126
QY	121	ttagaaccaagttaggggaagcattgatggaacagcgatcagcgatgagctcctgac	181
Dd	127	TGAGCCAGCTTAGGGGAAAGCATTGGAACAAGCGATCAGCGATGAGCTCCTGAC	186
QY	181	gcatcagcagaagagcctcgcagcttgaactcgcctgaatgaatcctccagcagcact	241
Dd	187	GATCAGCAGAAGCCTCGCAGCTTGAACTCGCCTGAATCCTCCAGCAGCACCT	246
QY	241	aaggaataatctcagcctcctcctgagatcagcagcttcctgcca Z/78	
Dd	247	AAGGAATAATCTCAGCCTCCTCCTGAGATCAGCAGCTTCCTGCCA Z/84	

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1  RESULT: 4
2  OS-38 6/75 508 21
3  Sequence 21, Application BS/08675508
4  Patent No. 586146
5  ORIENTAL INFORMATION:
6  APPLICANT: AN YOUNG, LIMITED
7  TITLE OF INVENTION: NOVEL HIBAN CITH CELL ANTICARS
8  NUMBER OF SEQUENCES: 26
9  CORRESPONDENCE ADDRESS:
10 ADDRESS: 1074 Parkway Pharmaceuticals, Inc.
11 STREET: 4174 Parkway Drive
12 CITY: Palo Alto
13 STATE: CA
14 COUNTRY: U.S.
15 ZIP: 94304
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: Diskette
18 COMPUTER: IBM Compatible
19 OPERATING SYSTEM: DOS
20 SOFTWARE: FASTSEQ Version 1.5
21 CURRENT APPLICATION DATA:
22 APPLICATION NUMBER: 200706707, 1003
23 FILING DATE: Filed November
24 ATTORNEY/AGENT INFORMATION:
25 NAME: Billings, Lucy J.
26 REGISTRATION NUMBER: 46,749
27 ADDRESS: 411 Avenue of the Stars
28 TELECOMMUNICATION INFORMATION:
29 TELEPHONE: 415-855-0555
30 TELEFAX: 415-845-4166
31 INFORMATION PER SEQ ID NO: 21:
32 SEQUENCE CHARACTERISTICS:
33 LENGTH: 286 base pairs
34 TYPE: nucleic acid
35 CHARACTERISTICS: Simple
36 PROPERTY: Linear
37 MODIFIED TYPE: CNA
38 IMMEDIATE SOURCE:
39 LIBRARY: DUKSN0101
40 CLONE: 588615
41 OS-08 6/75 508 21
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1 FILTH/DATE  
 2 ATTORNEY/AGENT IN EMAIL-N  
 3 NAME: KATHLEEN BARBARE  
 4 REPRESENTATION NUMBER: 430724  
 5 REFERENCE/FILE NUMBER: 1083-00  
 6 TELECOMMUNICATION INFORMATION  
 7 TELEPHONE: 675-508-114  
 8 TELEFAX: 675-508-114  
 9 INFORMATION FOR STATE: 11  
 10 SEQUENCE CHARACTERISTICS  
 11 LENGTH: 100 Base Pairs  
 12 TYPE: Double-Strand  
 13 STRANDS: 2  
 14 FEATURE:  
 15 NAME/KEY: 100  
 16 VALUE: 0.146  
 17 ON 10-1-14

18 County Match: 100%  
 19 Post Local Similarity: 100%  
 20 Matches: 100%

21 100% Match: 100%  
 22 100% Match: 100%  
 23 100% Match: 100%  
 24 100% Match: 100%  
 25 100% Match: 100%  
 26 100% Match: 100%  
 27 100% Match: 100%  
 28 100% Match: 100%  
 29 100% Match: 100%  
 30 100% Match: 100%

# RESULT: 14

1 Sequences: 14  
 2 Feature: No  
 3 Feature: No  
 4 Feature: No  
 5 Feature: No  
 6 Feature: No  
 7 Feature: No  
 8 Feature: No  
 9 Feature: No  
 10 Feature: No  
 11 Feature: No  
 12 Feature: No  
 13 Feature: No  
 14 Feature: No  
 15 Feature: No  
 16 Feature: No  
 17 Feature: No  
 18 Feature: No  
 19 Feature: No  
 20 Feature: No  
 21 Feature: No  
 22 Feature: No  
 23 Feature: No  
 24 Feature: No  
 25 Feature: No  
 26 Feature: No  
 27 Feature: No  
 28 Feature: No  
 29 Feature: No  
 30 Feature: No

1 SEQUENCE CHARACTERISTICS  
 2 LENGTH: 100 Base Pairs  
 3 TYPE: Double-Strand  
 4 STRANDS: 2  
 5 FEATURE:  
 6 NAME/KEY: 100  
 7 VALUE: 0.146  
 8 ON 10-1-14

9 County Match: 100%  
 10 Post Local Similarity: 100%  
 11 Matches: 100%

12 100% Match: 100%  
 13 100% Match: 100%  
 14 100% Match: 100%  
 15 100% Match: 100%  
 16 100% Match: 100%  
 17 100% Match: 100%  
 18 100% Match: 100%  
 19 100% Match: 100%  
 20 100% Match: 100%

# RESULT: 15

1 Sequences: 15  
 2 Feature: No  
 3 Feature: No  
 4 Feature: No  
 5 Feature: No  
 6 Feature: No  
 7 Feature: No  
 8 Feature: No  
 9 Feature: No  
 10 Feature: No  
 11 Feature: No  
 12 Feature: No  
 13 Feature: No  
 14 Feature: No  
 15 Feature: No  
 16 Feature: No  
 17 Feature: No  
 18 Feature: No  
 19 Feature: No  
 20 Feature: No  
 21 Feature: No  
 22 Feature: No  
 23 Feature: No  
 24 Feature: No  
 25 Feature: No  
 26 Feature: No  
 27 Feature: No  
 28 Feature: No  
 29 Feature: No  
 30 Feature: No

31 County Match: 100%  
 32 Post Local Similarity: 100%  
 33 Matches: 100%

[illegible]

Search completed: July 24, 2001, 02:14:48  
Job time: 7049 sec